

Part 573 Safety Recall Report

23V-185

Manufacturer Name : PACCAR Incorporated**Submission Date :** MAR 20, 2023**NHTSA Recall No. :** 23V-185**Manufacturer Recall No. :** 23PBC**Manufacturer Information :**

Manufacturer Name : PACCAR Incorporated

Address : 777 106TH AVENUE NORTHEAST
BELLEVUE WA 98004

Company phone : 940 591 4220

Population :

Number of potentially involved : 25

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2023-2024 Peterbilt 579

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : 25 technology development tractors built with optional electronic park brake

Production Dates : JUL 27, 2022 - FEB 03, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain tractors equipped with Bendix Intellipark Tractor Park Valve Module (PVM) may intermittently become stuck in the un-parked position and may not transition from un-parked to parked when the park switch is pulled on the vehicle dash board. Bendix informed PACCAR that they issued an equipment recall for this issue.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An Intellipark PVM that intermittently becomes stuck in the un-parked position does not allow the vehicle spring brakes to exhaust when the driver pulls the park switch. The vehicle must be parked by depleting air storage by fanning-down the air brake system with the service brake pedal. If a driver does not properly fan down the brakes, the vehicle may unintentionally move which increases the risk of a crash and/or injury.

Description of the Cause : Mechanical components in the PVM that are at the upper limit of the design specification and other tolerance stack-ups allow for excessive internal air leakage. The internal leakage does not allow pressure to build properly when the pilot solenoid is activated.

Identification of Any Warning : Park indication LEDs on the park switch remain off after the park switch is

that can Occur : pulled, indicating that the spring brake system has not exhausted and the vehicle is not parked. Audible exhaust sounds that typically are heard as an air-braked vehicle is parked will not be heard; the absence of audible exhaust sounds indicates that the vehicle has not parked.

Involved Components :

Component Name 1 : Valve - Park

Component Description : Towing PVM

Component Part Number : K171241, K182604

Supplier Identification :

Component Manufacturer

Name : Bendix Commercial Vehicle Systems

Address : 35500 Chester Rd
Avon Ohio 44011

Country : United States

Chronology :

02-27-2023: Engineering notified Safety & Compliance that Bendix filed equipment recall 23E-015 for Intellipark PVM. Safety & Compliance opened defect investigation.

03-01-2023: Bendix provided root cause, design changes and validation plan to correct defect.

03-07-2023: Gathered affected vehicle population. No warranty claims or field reports.

03-10-2023: Determined vehicle population beyond PACCAR control included only Peterbilt chassis.

03-13-2023: Suspect population finalized.

03-14-2023: Safety Committee determines a safety related defect exists.

Description of Remedy :

Description of Remedy Program : Affected vehicle owners will be notified and dealers will replace PVM with new corrected part free of charge. Owners who incurred costs to obtain a remedy for the problem addressed by the recall in advance of receiving notification may seek reimbursement through the process outlined in the general reimbursement plan on file.

How Remedy Component Differs from Recalled Component : Remedy components will have a new part number.

Identify How/When Recall Condition was Corrected in Production : Production is on hold until new corrected parts are available from Bendix.

Recall Schedule :

Description of Recall Schedule : Notifications will be sent within 60 days.

Planned Dealer Notification Date : MAY 19, 2023 - MAY 19, 2023

Planned Owner Notification Date : MAY 19, 2023 - MAY 19, 2023

* NR - Not Reported